

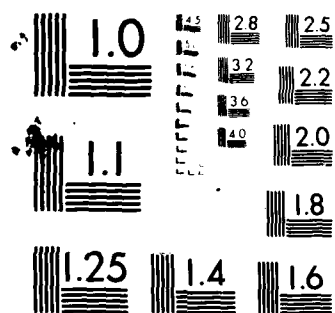
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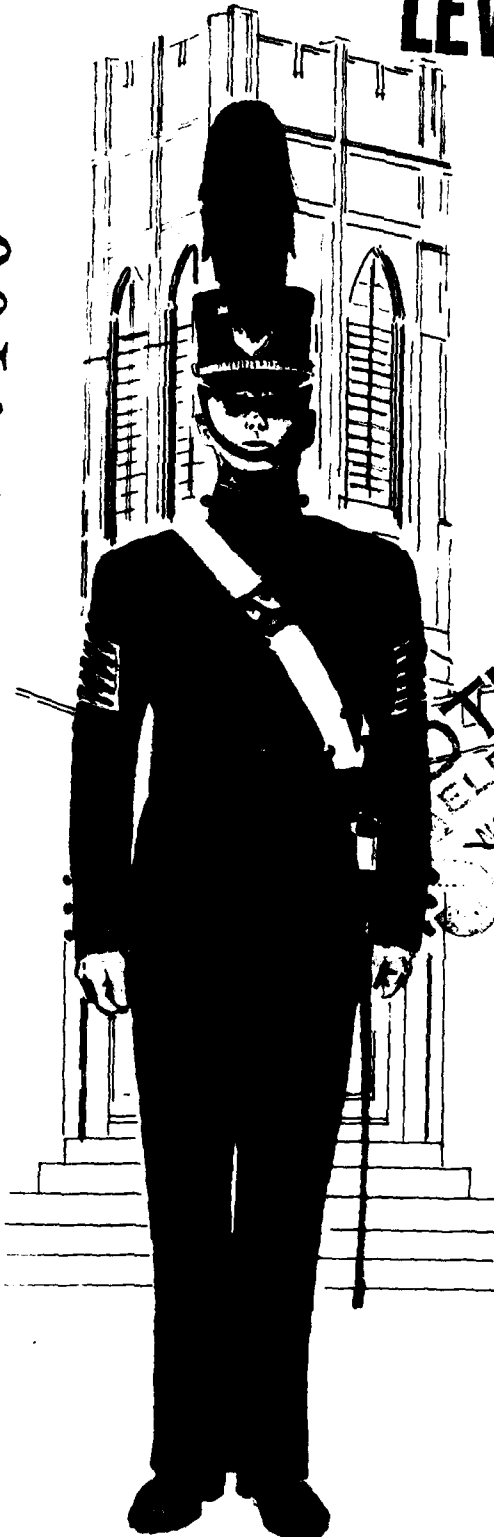
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# UNITED STATES MILITARY ACADEMY

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Characteristics of the Class of 1985

Report No.: 81-014  
Project No.: 398  
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September 1981

Abstract

This report presents the biographical characteristics and achievements of the 1,524 new cadets and fourteen re-entered or turned back cadets who entered the United States Military Academy in the Class of 1985.

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## Preface

This report presents the biographical characteristics and achievements of the 1,524 new cadets and the fourteen re-entered or turned back cadets who entered the Class of 1985. The admission scores listed in Table 1 are for the 1,077 cadets whose admission was based on the CEER, while Tables 2 and 3 are for the 461 cadets whose admission was based on American College Test scores. Tables 4 through 17 are based on only new cadets. The following abbreviations, explanations and definitions of terms apply in this report.

CEER	A statistically derived weighted composite score of two College Entrance Examination Board Tests (Scholastic Aptitude Test-Verbal, Scholastic Aptitude Test-Mathematics, and a standardized high school rank score.
High School Rank	This is a score derived by converting the actual high school rank to a standard score, using a formula developed by the Educational Testing Service.
Whole Candidate Score	This is a weighted composite score of the CEER or ACEER, the Physical Aptitude Examination score and the Leadership Potential Score.
Physical Aptitude Examination Score	This is a standardized score developed to measure physical capabilities.
Leadership Potential Score	This is a score derived from the ratings of the candidate by his/her secondary school teachers and evaluations by admissions officials of his/her type of participation in athletic and other school and community activities.
ACT	American College Testing Program.
ACEER	A statistically derived weighted composite score of ACT tests and high school rank converted to the 200-800 range of the CEER.

Table 1  
Distribution of Scores on Academic Qualification Measures  
(For those admitted by use of CEER)

Score Ranges	Scholastic Aptitude Verbal		Scholastic Aptitude Mathematics		CEER	
	N	Cum %	N	Cum %	N	Cum %
750-800	6	100%	25	100%	1	100%
700-749	40	99	122	98	30	100
650-699	76	96	222	86	130	97
600-649	161	89	320	66	282	85
550-599	236	74	250	36	338	59
500-549	283	52	122	13	229	27
450-499	209	26	16	2	53	6
400-449	59	6	0	0	14	1
350-399	7	1	0	0	0	0
Total	1077		1077		1077	
Mean	549		620		587	
S.D.	74		63		61	

Table 2  
Distribution of Scores on Academic Qualification Measures  
(For those admitted by use of ACEER)

Score Ranges	ACT-ENG		ACT-MATH		ACT-N.S.		ACT-S.S.	
	N	Cum %	N	Cum %	N	Cum %	N	Cum %
34-36	0	100%	40	100%	23	100%	1	100%
31-33	7	100	86	91	139	95	47	100
28-30	32	99	155	73	160	65	122	90
25-27	89	92	137	39	79	30	125	62
22-24	216	72	35	9	44	13	84	35
19-21	101	25	5	2	9	4	44	15
16-18	14	4	3	1	5	2	13	6
13-15	1	0	0	0	1	0	7	4
10-12	1	0	0	0	1	0	9	2
Total	461		461		461		452	
Mean	23.3		28.6		28.7		25.6	
S.D.	2.9		3.3		3.6		5.2	



Table 3  
Distribution of ACEER Scores  
(For those admitted by use of ACT scores)

<u>Score Ranges</u>	<u>ACEER</u>	
	<u>N</u>	<u>Cum %</u>
750-800	0	100%
700-749	10	100
650-699	41	98
600-649	133	89
550-599	167	60
500-549	87	24
450-499	19	5
400-449	4	1
 Total	 461	
Mean	587	
S.D.	55	

Table 4  
Distribution of Scores on PAE, LPS and HSR  
(For all admitted cadets)

Score Ranges	Physical Aptitude* (PAE)				Leadership Potential (LPS)		High School Rank (HSR)	
	Male		Female		N	Cum %	N	Cum %
	N	%	N	%				
750-800	8	100%	0	100%	3	100%	64	100%
700-749	46	99	3	100	100	100	66	96
650-699	106	96	8	99	270	93	197	92
600-649	231	88	23	94	403	76	248	79
550-599	308	71	22	82	374	50	317	63
500-549	333	48	48	71	252	25	306	42
450-499	235	23	54	45	94	9	176	22
400-449	64	5	19	16	36	3	96	11
350-399	4	1	9	6	6	0	42	4
300-349	3	0	2	2	0	0	18	2
250-299	0	0	1	1	0	0	6	1
200-249	0	0	0	0	0	0	2	0
Total	1338		189		1538		1538	
Mean	560		517		597		570	
S.D.	76		82		72		98	

\*Distribution of PAE scores are shown separately for male and female cadets as they are scored on different events.

Table 5  
Distribution of Whole Candidate Scores  
(For all admitted cadets)

<u>Score Ranges</u>	<u>N</u>	<u>Cum %</u>
7000-7249	1	100%
6750-6999	14	100
6500-6749	65	99
6250-6499	147	95
6000-6249	316	85
5750-5999	495	65
5500-5749	253	33
5250-5499	165	16
5000-5249	61	5
4750-4999	15	1
4500-4749	6	0
Total	1538	
Mean	5875	
S.D.	382	

Table 6  
Means and Standard Deviations of Scores  
of Male and Female Cadets

	WCS		HSR		LPS		PAE*	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
N	1348	189	1347	189	1349	189	1338	189
Mean	5886	5812	565	602	597	597	560	517
S.D.	385	355	99	84	72	70	76	82

	ACEER		CEER		SAT-V		SAT-II	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
N	407	54	939	138	939	138	939	138
Mean	587	587	588	582	551	548	624	601
S.D.	56	51	61	57	76	76	65	61

	ACT-EN		ACT-MA		ACT-NS		ACT-SS	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
N	407	54	407	54	407	54	399	53
Mean	23.2	23.8	28.7	27.5	28.9	26.7	25.9	23.4
S.D.	2.9	2.9	3.3	3.1	3.4	4.4	5.6	6.3

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\*PAE scale for females is not the same as the scale for males.

Table 7-1  
Distribution of Height and Weight  
(Female Cadets)

<u>Inches</u>	<u>Height No.</u>	<u>%</u>	<u>Pounds</u>	<u>Weight No.</u>	<u>%</u>
72-73	2	1.1%	190-199	1	0.5%
70-71	9	4.8	170-179	2	1.1
68-69	18	9.5	160-169	8	4.2
66-67	49	26.0	150-159	13	6.8
64-65	64	33.8	140-149	35	18.5
62-63	32	16.9	130-139	51	27.3
60-61	11	5.8	120-129	45	23.7
58-59	3	1.6	110-119	18	9.5
56-57	0	0	100-109	15	7.9
54-55	1	0.5	90-99	1	0.5
Total	189	100	Total	189	100
Mean	65.02		Mean	132.37	
S.D.	2.66		S.D.	15.67	

Table 7-2  
Distribution of Height and Weight  
(Male Cadets)

<u>Inches</u>	<u>Height No.</u>	<u>%</u>	<u>Pounds</u>	<u>Weight No.</u>	<u>%</u>
80-81	2	0.2%	310-319	1	0.1%
78-79	2	0.2	260-269	2	0.1
76-77	15	1.1	240-249	5	0.4
74-75	90	6.8	230-239	11	0.8
72-73	221	16.5	220-229	9	0.7
70-71	370	27.5	210-219	24	1.8
68-69	354	26.5	200-209	47	3.5
66-67	193	14.5	190-199	74	5.6
64-65	74	5.6	180-189	119	8.9
62-63	13	1.0	170-179	180	13.5
60-61	1	0.1	160-169	227	17.0
			150-159	236	17.6
			140-149	223	16.7
			130-139	120	9.0
			120-129	42	3.2
			110-119	12	0.9
			100-109	3	.2
Total	1335	100	Total	1335	100
Mean	69.69		Mean	163.26	
S.D.	2.77		S.D.	23.63	

Table 8  
High School Characteristics

High School Graduate	Number	Percent
Yes.....	1518	99.9%
No.....	1	0.1%
Type of High School in Which Senior Year was Completed		
Did not Complete Senior Year.....	1	0.1
Public (Include HS in Foreign Country).....	1281	84.4
Private (Non-Military).....	199	13.1
Private (Military).....	36	2.4
Rank in Graduating Class		
Did Not Graduate.....	1	0.1
Top Fifth.....	1062	69.9
Second Fifth.....	340	22.4
Third Fifth.....	92	6.2
Fourth Fifth.....	17	1.1
Bottom Fifth.....	5	0.3
Selected as Valedictorian (First in the Class).....	67	4.4
Selected as Salutatorian (Second in the Class).....	65	4.3
Number of High Schools Attended		
One.....	1202	79.1
Two.....	236	15.5
Three.....	55	3.6
Four or more.....	23	1.5

Table 9  
Awards and Scholarships

	Number	Percent
Received Following Awards		
National Honor Society.....	896	59.0%
Bausch and Lomb Science Award.....	26	1.7
American Legion Award.....	154	10.1
Boy's State or Girl's State Delegate.....	297	19.6
Other National Awards.....	430	28.3
Took the National Merit/Achievement Scholarship Examination		
Yes, and Received Commendation.....	158	10.4
Yes, was Semi-Finalist.....	31	2.0
Yes, was Finalist.....	50	3.3
Yes, was Merit Scholar.....	24	1.6

Table 10  
Scholarships

	Number	Percent
Number of Academic Scholarships		
None.....	806	53.1%
One.....	341	22.5
Two or Three.....	280	18.4
Four or Five.....	58	3.8
Six or More.....	28	1.8
Number of Athletic Scholarships		
None.....	1329	87.5
One.....	110	7.2
Two or Three.....	58	3.8
Four or Five.....	10	0.7
Six or More.....	7	0.5
Received the Following Military Scholarships*		
Army ROTC Scholarship.....	258	17.0
Navy ROTC Scholarship.....	160	10.5
Air Force ROTC Scholarship.....	138	9.1
Other ROTC Scholarship.....	66	4.3

\*May be more than one.

Table 11  
Clubs and Positions Held or Awards Obtained

	Number	Percent
Elected or Appointed to Following High School Positions		
President of high School Senior Class.....	77	5.1%
Senior Class Officer (Other Than President).....	242	15.9
President, Student Body.....	76	5.0
President, High School Class (Other than Senior Class)....	121	8.0
President, Student Council.....	75	4.9
Participated in or Held Following High School Positions*		
Debating or Forensic Society.....	170	11.2
Thespian or Dramatic Club.....	219	14.4
Glee Club.....	127	8.4
High School Band.....	307	20.2
Staff, School Paper.....	258	17.0
Editor or Co-Editor, School Paper.....	101	6.7
Staff, Yearbook or Annual.....	259	17.1
Editor or Co-Editor, Yearbook or Annual.....	93	6.1
Presently is or has Been One of the Following		
Boy Scout/Girl Scout.....	735	48.4
Explorer Scout.....	150	9.9
Sea Scout.....	12	0.8
Air Scout.....	13	0.8
Camp Counselor.....	180	11.9
Order of the Arrow.....	162	10.7
Eagle Scout (Boys).....	138	10.4
First Class Scout (Girls).....	10	5.2

\*May be more than one.



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Table 12

Nominations and Appointments

	Number	Percent
Federal Academies Where Nomination was Attempted*		
Naval Academy.....	486	32.0%
Air Force Academy.....	501	33.0
Coast Guard Academy.....	190	12.5
Merchant Marine Academy.....	81	5.3
Federal Academies Where Appointment was Received*		
Naval Academy.....	72	4.7
Air Force Academy.....	91	6.0
Coast Guard Academy.....	62	4.1
Merchant Marine Academy.....	26	1.7
First Choice of Schools was		
US Military Academy.....	1178	77.6
US Air Force Academy.....	162	10.7
US Naval Academy.....	66	4.3
US Coast Guard Academy.....	13	0.9
US Merchant Marine Academy.....	3	0.2
A Civilian Liberal Arts College.....	33	2.2
A Civilian Engineering Technical College.....	25	1.7
Another Type of College.....	21	1.4

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\*May be more than one.

Table 13

## Father's Military Status and Rank

Father's Past Military Service and Current Status	Number	Percent
No Military Service or Don't Know.....	571	37.6%
Career in Military Service Terminated for Physical Disability.....	34	2.2
Not in Reserve Status; Served Two or More Tours on Active Duty.....	128	8.4
Served 20 Years or More and Retired.....	176	11.6
Served Only During a War or for One Peacetime Tour.....	381	25.1
Now on Full Time Active Duty; Served Two or More Tours on Active Duty.....	130	8.6
Inactive Reserve Status; Served Two or More Tours on Active Duty.....	42	2.8
Now in Reserves or National Guard.....	29	1.9
Died While on Active Duty.....	6	0.4
Father's Highest Grade**		
E1 - E3 (Private or PFC).....	149	9.8
E4 - E6 (Corporal Through Staff Sergeant).....	239	15.7
E7 - E9 (Platoon Sergeant Through Sergeant Major).....	137	9.0
Warrant Officer.....	14	0.9
Lieutenant or Captain.....	91	6.0
Major.....	50	3.3
Lieutenant Colonel.....	90	5.9
Colonel.....	65	4.3
General Officer.....	7	0.5

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\*\*Army grade or AF, Navy and Marine Corps equivalent.

Table 14  
Class Year of Fathers Who Are USMA Graduates

<u>Year</u>	<u>No.</u>	<u>Year</u>	<u>No.</u>
1962	3	1949	1
1961	3	1948	1
1960	9	1946	1
1959	9	1944	1
1958	9	1943	1
1957	4	1939	1
1956	6	1936	1
1955	2		
1954	0		
1953	3		
1952	2		
1951	1		
1950	1		

Total 59

Table 15  
Sport Participation

	<u>Number</u>	<u>Percent</u>
Participated in Varsity Athletics.....	1352	89.0%
Earned Varsity Letter.....	1268	83.5
Varsity Team Captain.....	692	45.6

Table 16  
Miscellaneous

	<u>Number</u>	<u>Percent</u>
Taken College Level Courses After High School in One of the Following		
A Junior, Community, Extension or Branch College With a One or Two-Year Program Only.....	73	4.8%
Other Institution With Less Than a Four-Year Program.....	6	0.4
A Four-Year College, Not Part of a University.....	26	1.7
A University, Including its Separate Colleges.....	69	4.5
Not Applicable.....	1345	88.6
Attended U.S. Military Academy Preparatory School.....	203	13.3

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